

**Amendments to the Specification**

Please replace paragraph [0075] with the following amended paragraph:

**[0075]** Steps taken by the present invention provide a deposition baffle 30a with increased transparency to the RF magnetic field from the coil and provide bridges 34 in a way that does not significantly increase return currents across the slots, as illustrated, for example, in ~~Figs. 3A-3D~~ Fig. 3A-3C.

Please replace paragraph [0077] with the following amended paragraph:

**[0077]** The positions and extent of the bridges 34 can affect the coupling of power from the antenna 21 into the plasma 40. Bridges 34 across the chevron shaped slots 31a of deposition baffle 30a, shown in Fig. 3B, avoid reducing the coupling of power through the baffle 30a. The bridges 34 are, for example, limited to portions of the slots 31a on the chamber side of the deposition baffle 30a, as shown in ~~Figs. 3C and 3D~~; Fig. 3C, thereby restricting the return current paths by avoiding paths on the coil side of the baffle 30a. As a result, the antenna 21 does not directly "see" bridges 34 that are on the opposite side of the shield 30a from the coil, avoiding much of the potential interference between the bridges 34 and antenna 21. Bridges 34 on the chamber side of the baffle 30a are farther from the antenna 21, approximately  $\frac{1}{2}$  the thickness of baffle 30a farther, where they have less interference with the antenna 21.

Please replace paragraph [0085] with the following amended paragraph:

**[0085]** The blades 37 are not limited in use to only chevron-shaped slots, but can be incorporated into other slot types in a manner similar to that described above. Furthermore, the concept of adding the blades 37 to the slots 31 can be combined with the bridges 34 of ~~Figs. 3A-3D~~ Fig. 3A-3C and 4A-4C to achieve the advantages of both such features.

Application No. 10/080,496  
Amendment dated May 10, 2004  
Reply to Office Action of April 8, 2004

Please replace paragraph [0089] with the following amended paragraph:

**[0089]** Incorporation of the blades 37 into one embodiment of the baffle 30d is illustrated in detail in **Figs. 6A-6D**. **Fig. 6A** shows the chamber side of the baffle 30d, in which ~~16 slots 31d~~ 14 slots 31d have the same general appearance as slots 31. **Fig. 6B** illustrates the window side of the same baffle 30d, wherein the blades 37 are visible in the slots 31d. Note that the connection points 38 include connections 38a at the opposite longitudinal ends of the blades 37a that extend the full length of the shorter ones of slots 31d, connections 38b at only one end of the blades 37b that extend only about one-third of the length of the longer ones of slots 31d at an end thereof, and connections 38c at one end of the blades 37c that extend about one-third of the length of the longer ones of slots 31d near the middle thereof. **Figs. 6C and 6D** show the construction of the blades 37 in the slots 31d in fragmentary bottom and perspective views.